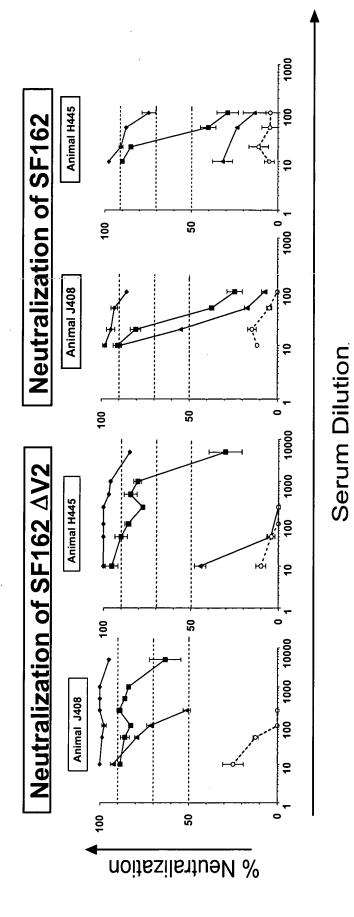
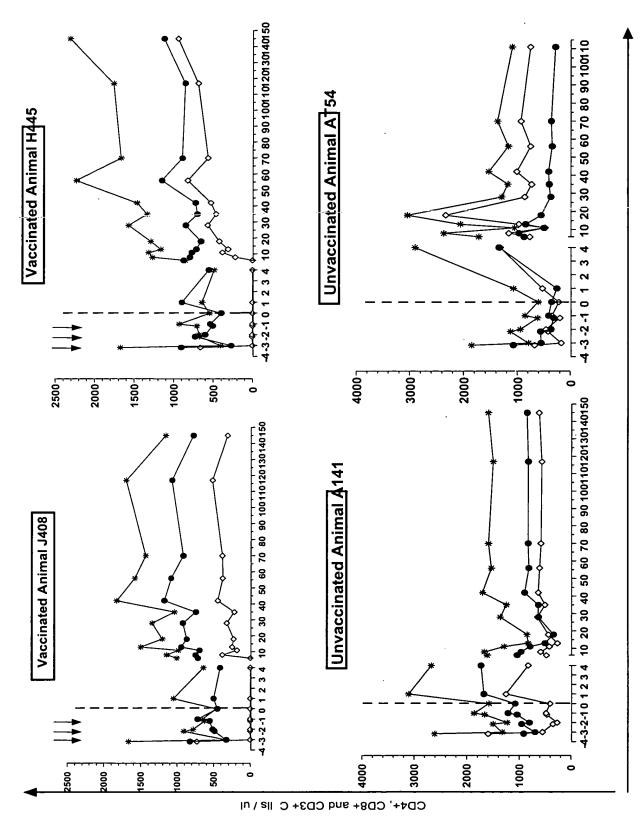


2570-1-001N FIGURE 1

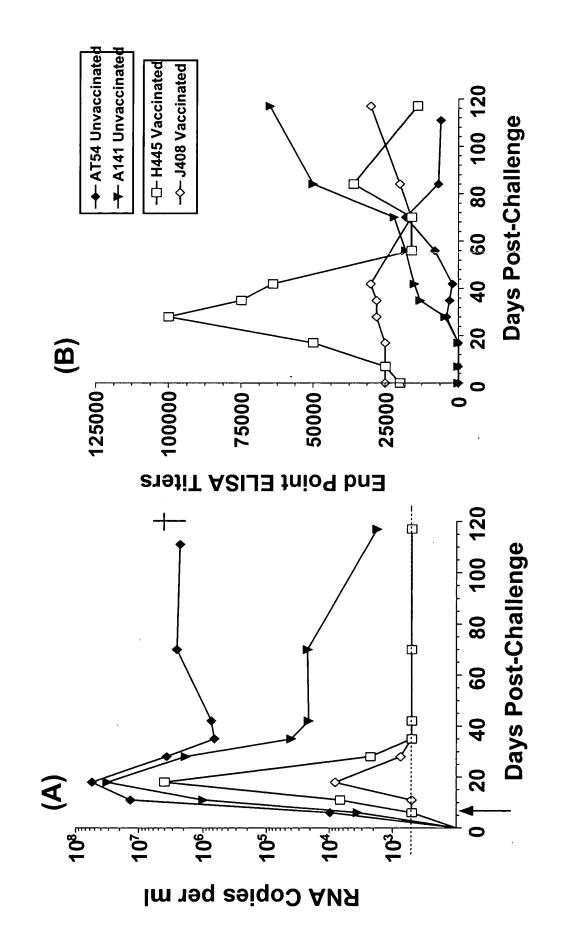


2570-1-001N FIGURE 2

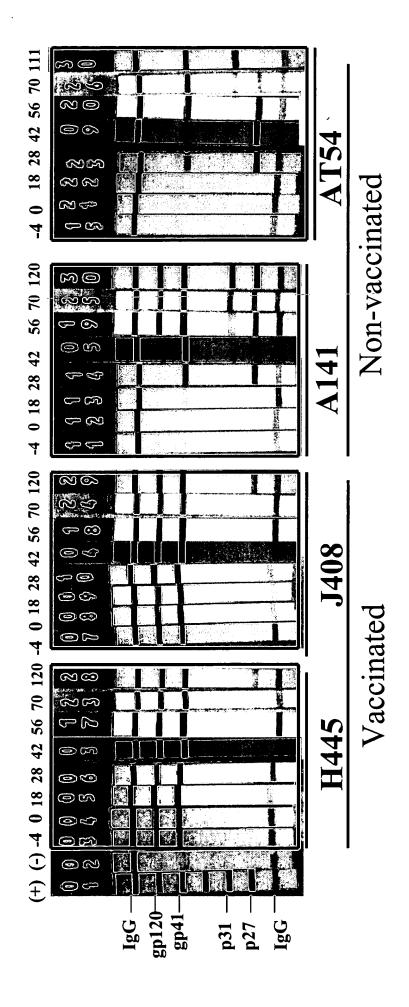


Days Post-Challenge

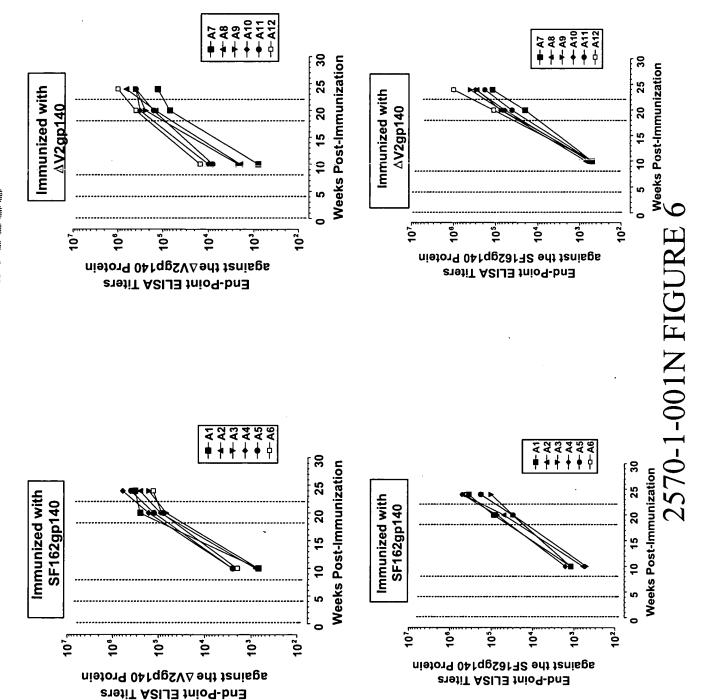
2570-1-001N FIGURE 4



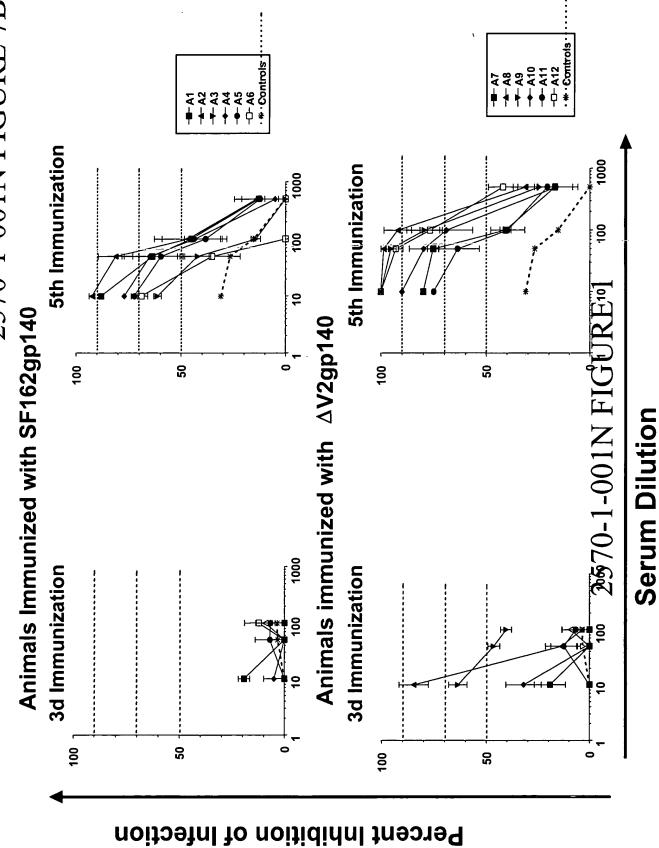
# Seroconversion to SIV-gag/pol and HIV env Antigens

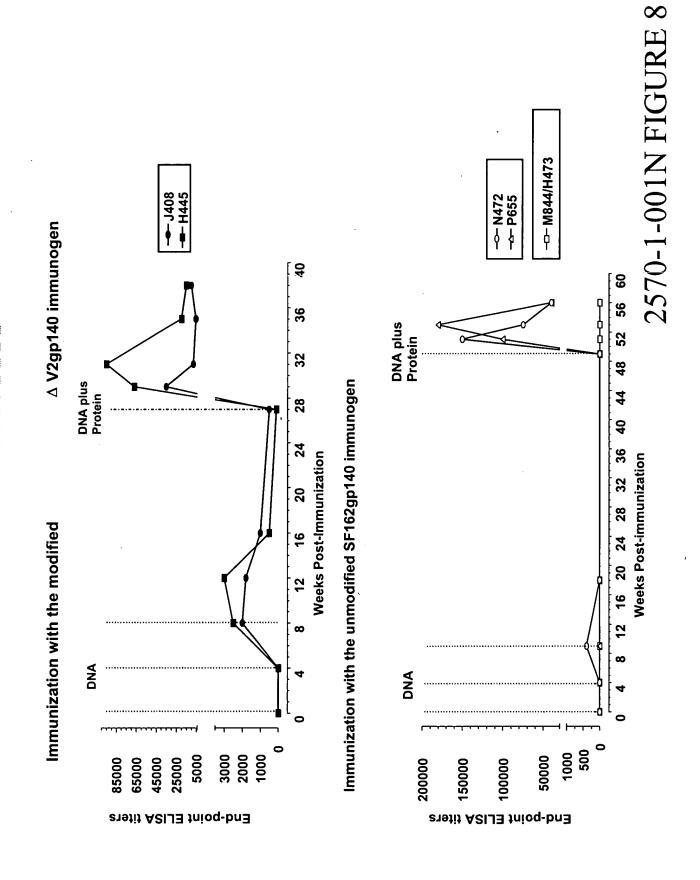


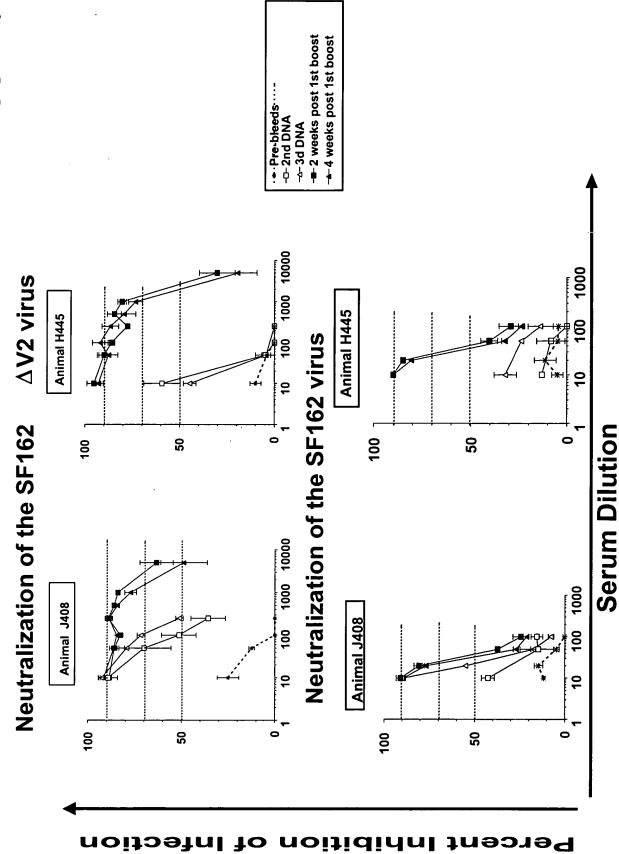
2570-1-001N FIGURE 5

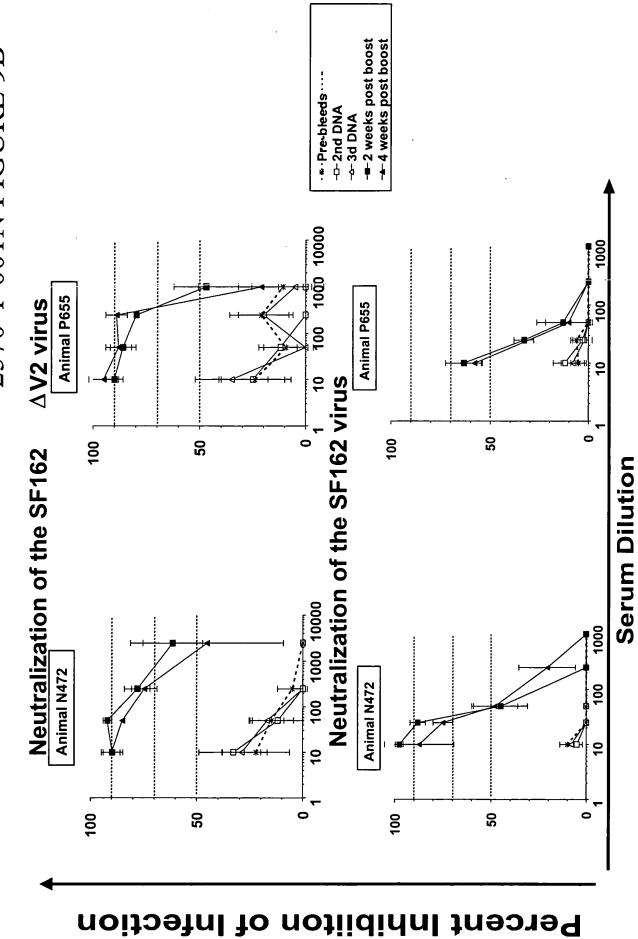


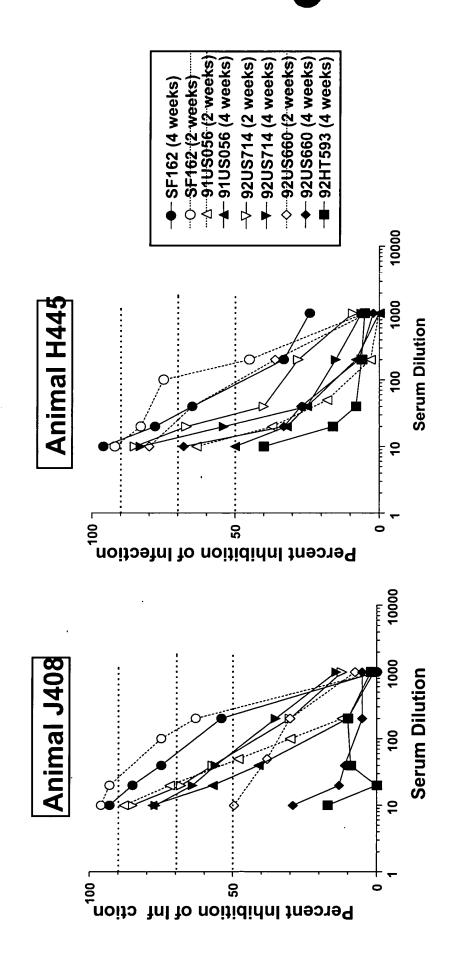
**Serum Dilution** 



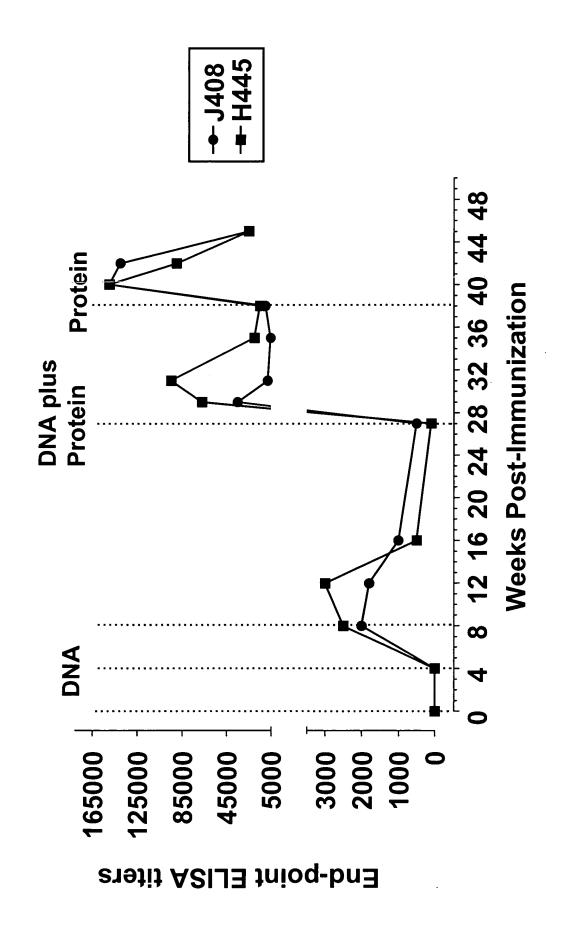


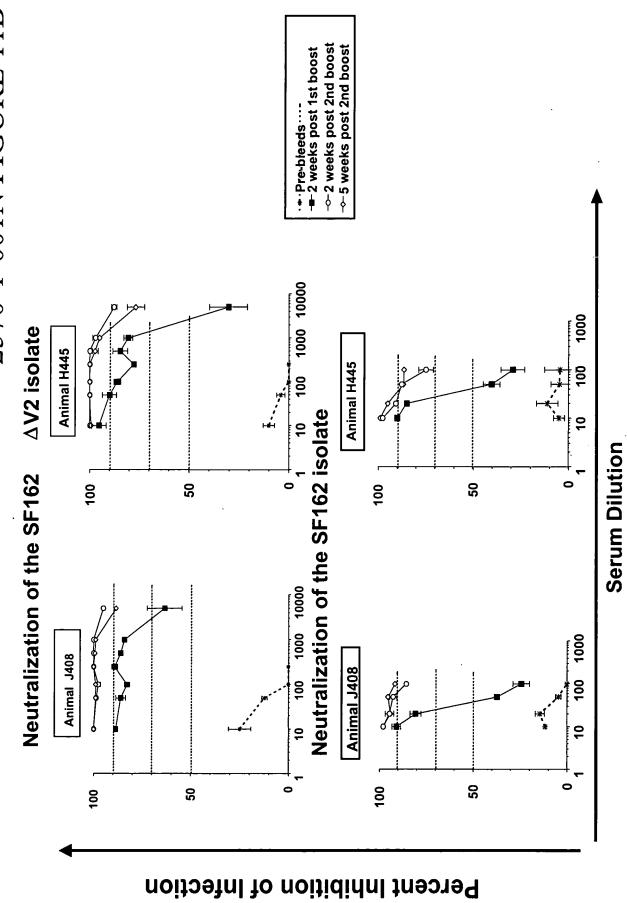




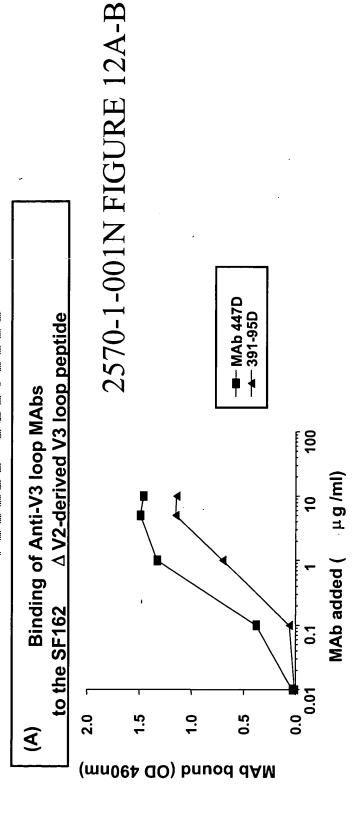


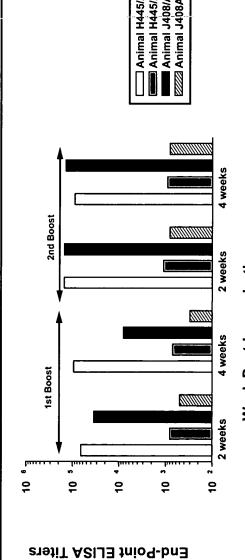
2570-1-001N FIGURE 11A





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Animal H445/Anti-gp140 Ab Animal J408/Anti-gp140Ab

∆ V2gp140

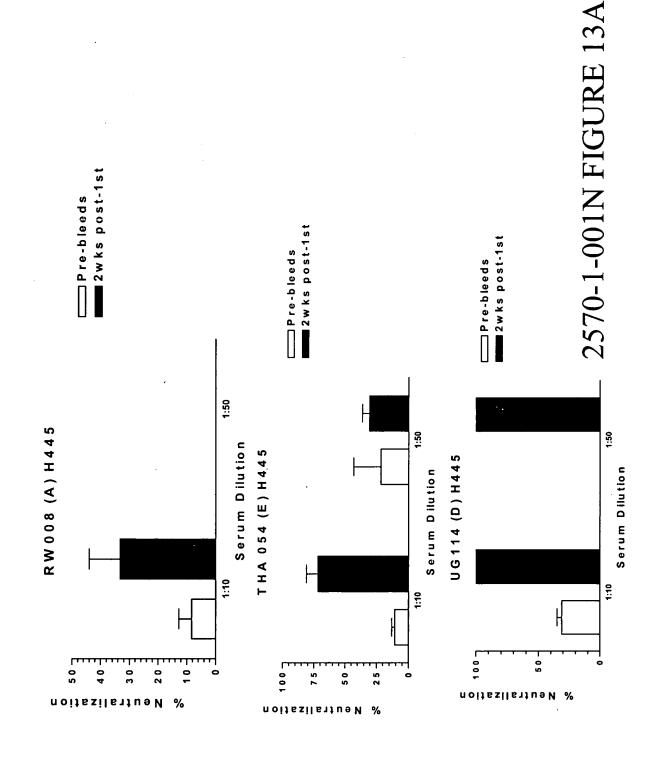
protein and the corresponding V3 loop peptide

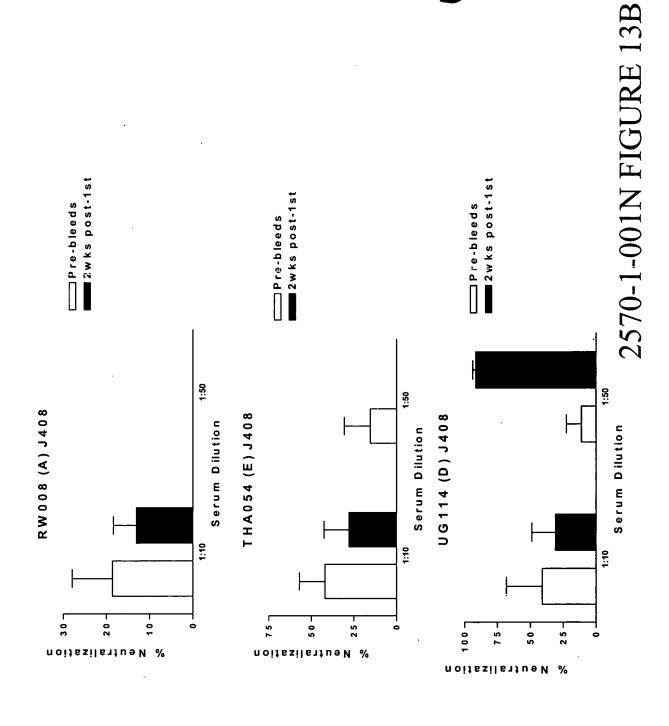
Binding of macaque serum antibodies to the

<u>B</u>

Week Post-Immunization

Neutralization of Glade A, Eand Def W-1 viruses from sera collected from animal H445





ccttgggatg ttgatgatct gtagtgctgt agaaaaattg tgggtcacag tctattatgg ctaaagccta catgtgtaaa ataacatggt ctaataccaa gagtagtaat tggaaagaga tggacagagg agaaataaaa aattgctctt tcaaggtc atgagagtg aaggggatca ggaagaatta tcagcacttg tggagagggg gcaccttgct gttaacccca ctctgtgtta ctctacattg cactaatttg aagaatgcta acaagaaata gtattggaaa atgtgacaga aaattttaac atgtggaaaa atgggatcaa agtctaaagc gcatcagatg gtacccacag gtacataatg tctgggccac acatgcctgt caaccaccac tctattttgt agaacagatg catgaggata taatcagttt tggaaagaag ggtacctgtg tgacacagag

-GGA-GCT-GGAattgataaat tgtaacacct cagtcattac

> a a

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-GGA-GCT-GGA-

gg

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#### 

#### Amino acid sequence of SF162DV2 gp140

**VPVWKEATTTLFCASDAKAYDTEVHNVWATHACVPTDPNPQ** MRVKGIRKNYQHLWRGGTLLLGMLMICSAVEKLWVTVYYG PLCVTLHCTNLKNATNTKSSNWKEMDRGEIKNCSFKV-GAG-EIVLENVTENFNMWKNNMVEOMHEDIISLWDOSLKPCVKLT GSGPCT<u>N</u>VSTVQCTHGIRPVVSTQLLL<u>N</u>GSLAEEGVVIRSENF IDNAKTIIVQLKESVEINCTRPNNNTRKSITIGPGRAFYATGDI ITLPCRIKQIINRWQEVGKAMYAPPIRGQIRCSSNITGLLTR IGDIRQAHC<u>N</u>ISGEKW<u>N</u>NTLKQIVTKLQAQFG<u>N</u>KTIVFKQSS GGDPEIVMHSFNCGGEFFYCNSTQLFNSTWNTIGPNNTNG **ARVLAVERYLKDQQLLGIWGCSGKLICTTAVPWNASWSNK ILTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKLQ** KLINCNTSVITOACPKVSFEPIPIHYCAPAGFAILKCNDKKFN DGGKEISNTTEIFRPGGGDMRDNWRSELYKYKVVKIEPLGV **APTKAKRVVQREKRAVTLGAMFLGFLGAAGSTMGARSL** SLDOIWNNMTWMEWEREIDNYTNLIYTLIEESONQOEKNE **JELLELDKWASLWNWFDISKWLWYIK** 

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## Amino acid sequence of SF162DV2 gp140 less 27 amino acid N-terminal

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OELLELDKWASLWNWFDISKWLWYIK